

TGM3 Antibody

Catalog No: #33094



Package Size: #33094-1 50ul #33094-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

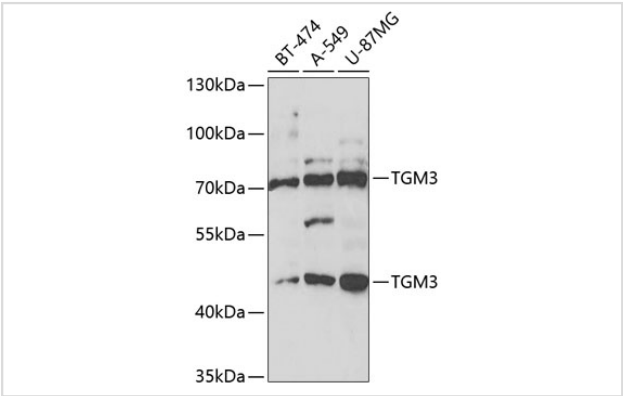
Description

Product Name	TGM3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IF
Species Reactivity	Human,Mouse
Specificity	The antibody detects endogenous level of total TGM3 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human TGM3.
Target Name	TGM3
Other Names	TGE;
Accession No.	Swiss-Prot:Q08188NCBI Gene ID:7053
Uniprot	Q08188
GeneID	7053;
SDS-PAGE MW	77KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

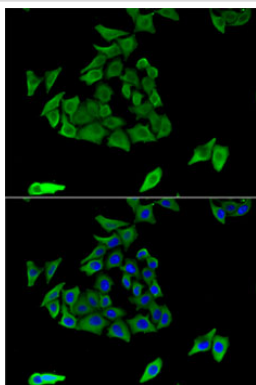
Application Details

WB 1:500 - 1:2000IF 1:10 - 1:100

Images



Western blot analysis of extracts of various cell lines, using TGM3 at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 50s.



Immunofluorescence analysis of U2OS cells using TGM3 .
Blue: DAPI for nuclear staining.

Background

Transglutaminases are enzymes that catalyze the crosslinking of proteins by epsilon-gamma glutamyl lysine isopeptide bonds. While the primary structure of transglutaminases is not conserved, they all have the same amino acid sequence at their active sites and their activity is calcium-dependent. The protein encoded by this gene consists of two polypeptide chains activated from a single precursor protein by proteolysis. The encoded protein is involved the later stages of cell envelope formation in the epidermis and hair follicle.

Note: This product is for in vitro research use only